

2014 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [PASE] KUTZTOWN
Jon Stutzman, Berks County, PA 19530



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

PREV. CROP/HERB: Soybean
SOIL DESCRIPTION: Silty clay loam, mod. well drained, no-till, non-irrigated
SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 3.5% OM
PEST MANAGEMENT: Verdict, Capreno, atrazine, Capture
FERTILITY - Applied N: 63 Fall, 115 Spring, 94 Planter
Applied N-P-K (units): 272-151-115
SEDED - RATE - ROW: May 8 33,500 /A 30" spacing
HARVESTED - STAND: Oct 23 33,600 /A

All-Season Test
105 - 115 Day CRM
B2014PASE12

Top 30 of 54
For Gross Income (Sorted by Yield)
Average of (3) Replications

| Company/Brand | Product/Brand† | Technol.† | Seed Treatment† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|---------------|-----------------|-----------|-----------------|-----|--------------|------------|-----------|----------------|----------------------|------|
| Doeblers | RPM 5315AMXT^ | AMXT,B | MQ,P1V | 113 | 287.6 | 22.8 | 1 | 34.3 | 907 | 1 |
| Pioneer | P1105AM GC | AM,B | MQ,C2 | 111 | 284.7 | 21.9 | 2 | 33.1 | 905 | 2 |
| Doeblers | RPM 5115AM^ | AM,B | MQ,P1V | 111 | 278.4 | 21.5 | 1 | 32.5 | 887 | 3 |
| Steyer | 11103GENSS RIB | STX,B | CM,C2 | 111 | 277.8 | 25.8 | 1 | 34.2 | 856 | 11 |
| AgriGold | A6472VT3PRIB | VT3P,B | AC,P5V | 110 | 276.3 | 23.1 | 3 | 33.4 | 870 | 5 |
| AgriGold | A6517VT3PRIB | VT3P,B | AC,P5V | 113 | 274.4 | 22.4 | 0 | 34.6 | 868 | 7 |
| Mid-Atlantic | MA8086STX | STX | AC,P2 | 108 | 273.9 | 23.7 | 1 | 33.9 | 858 | 10 |
| Dyna-Gro | D55VP77 | VT3P | AC,P5V | 115 | 273.9 | 24.8 | 2 | 32.9 | 850 | 13 |
| Hubner | H5490RC3P | VT3P,B | AC,P5V | 109 | 272.9 | 21.7 | 1 | 33.8 | 869 | 6 |
| Hubner | H6744RCSS | STX,B | AC,P5V | 113 | 272.7 | 25.7 | 1 | 34.7 | 841 | 16 |
| Chemgro | 7146R3P | VT3P,B | AC,P2 | 111 | 272.0 | 23.9 | 0 | 33.0 | 851 | 12 |
| AgriGold | A6499STXRIB | STX,B | AC,P5V | 112 | 271.9 | 27.7 | 0 | 33.9 | 825 | 24 |
| Steyer | 11504VT2PR0 RIB | VT2P,B | CM,C2 | 115 | 271.7 | 25.5 | 0 | 33.4 | 839 | 20 |
| Hubner | H5368RC3P | VT3P,B | AC,P5V | 105 | 271.1 | 18.9 | 1 | 34.5 | 882 | 4 |
| NK Brand | N63R-GT GC | GT | CM,C2 | 109 | 270.7 | 24.0 | 1 | 32.8 | 846 | 15 |
| TA Seeds | TA683-13VPRIB | VT3P,B | CM,C2 | 112 | 270.0 | 24.4 | 0 | 34.2 | 841 | 17 |
| Unity | 7914-3000GT | 3000GT | CM,C2 | 114 | 270.0 | 27.2 | 0 | 33.5 | 822 | 25 |
| Chemgro | 6949RSX | STX,B | AC,P5V | 109 | 269.0 | 20.8 | 2 | 33.4 | 862 | 8 |
| Hubner | H5333RC3P | VT3P,B | AC,P5V | 107 | 267.8 | 20.5 | 0 | 35.0 | 860 | 9 |
| Dyna-Gro | D52VC91 | VT2P | AC,P5V | 112 | 267.7 | 27.4 | 1 | 33.8 | 814 | 29 |
| Augusta | A6664VT2Pro | VT2P | AC,P5V | 114 | 265.8 | 26.1 | 0 | 31.6 | 817 | 28 |
| Mid-Atlantic | MA8121VT3P | VT3P | AC,P2 | 112 | 265.3 | 26.3 | 0 | 33.0 | 814 | 30 |
| Chemgro | 6546R3P | VT3P,B | AC,P2 | 105 | 263.9 | 20.5 | 4 | 33.4 | 848 | 14 |
| AgriGold | A6533VT3PRIB | VT3P,B | AC,P5V | 113 | 263.0 | 24.0 | 0 | 33.8 | 822 | 26 |
| Mid-Atlantic | MA8065STX | STX | AC,P2 | 106 | 262.7 | 21.0 | 1 | 33.7 | 841 | 18 |
| Pioneer | P0604AM GC | AM,B | MQ,C2 | 106 | 262.7 | 21.3 | 2 | 33.3 | 839 | 21 |
| TA Seeds | TA583-22DPRIB | VT2P,B | CM,C2 | 108 | 262.5 | 21.3 | 4 | 32.4 | 838 | 22 |
| Mid-Atlantic | MA8099VT3P | VT3P | AC,P2 | 109 | 261.3 | 23.4 | 3 | 34.3 | 820 | 27 |
| AgriGold | A6408VT3PRIB | VT3P,B | AC,P5V | 107 | 260.6 | 19.9 | 2 | 34.0 | 841 | 19 |
| Doeblers | RPM 5015AM^ | AM,B | MQ,P1V | 110 | 260.5 | 20.9 | 4 | 32.4 | 834 | 23 |

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Test Average = **262.3** **24.1** **2** **33.6** **819**
LSD (0.10) = 14.0 1.2 4
LSD (0.25) = 9.7 0.8 2
C.V. = 3.9 3.7

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.35 \text{ Local GMO}}{\$3.35 \text{ non-GMO}}$

Test Comments: *Farmers often say they don't know where the big yields are coming from, not the case with this location. Corn was looking great from planting, height was tall, ears were long and girthy. We thought we might reach 300 bu/acre as good as this crop looked. This test gave a lot of good comparisons; yield, standability and grain dry down. Overall rating for this test is 9.5 out of 10. (10=best)*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD (0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Report date: 10/24/2014 Revised:

2014 Corn Grain - Pennsylvania Southeast [PASE]



All-Season Test Products (54 Total)

| Company/Brand | Product/Brand | Technol. | Seed Trt | RM | Company/Brand | Product/Brand | Technol. | Seed Trt | RM |
|---------------|-----------------|----------|----------|-----|---------------|---------------|----------|----------|-----|
| AgriGold | A6408VT3PRIB | VT3P,B | AC,P5V | 107 | TA Seeds | TA683-13VPRIB | VT3P,B | CM,C2 | 112 |
| AgriGold | A6458VT3PRIB | VT3P,B | AC,P5V | 110 | TA Seeds | TA753-22DPRIB | VT2P,B | CM,C2 | 115 |
| AgriGold | A6472VT3PRIB | VT3P,B | AC,P5V | 110 | Unity | 4508VT3P-RIB | VT3P,B | CM,C2 | 108 |
| AgriGold | A6499STXRIB | STX,B | AC,P5V | 112 | Unity | 4814VT2P-RIB | STX,B | CM,C2 | 114 |
| AgriGold | A6517VT3PRIB | VT3P,B | AC,P5V | 113 | Unity | 5512SS-RIB | STX,B | AC,P5V | 112 |
| AgriGold | A6533VT3PRIB | VT3P,B | AC,P5V | 113 | Unity | 5514SS-RIB | STX,B | AC,P5V | 114 |
| AgriGold | A6559STXRIB | STX,B | AC,P5V | 113 | Unity | 5608SS-RIB | STX,B | CM,C2 | 108 |
| Augusta | A4564GENSS | STX | AC,P5V | 114 | Unity | 7811-3000GT | 3000GT | CM,C2 | 111 |
| Augusta | A6664VT2Pro | VT2P | AC,P5V | 114 | Unity | 7914-3000GT | 3000GT | CM,C2 | 114 |
| Chemgro | 6546R3P | VT3P,B | AC,P2 | 105 | | | | | |
| Chemgro | 6949RSX | STX,B | AC,P5V | 109 | | | | | |
| Chemgro | 7146R3P | VT3P,B | AC,P2 | 111 | | | | | |
| Dekalb | DKC61-89RIB GC | VT2P,B | AC,P2 | 111 | | | | | |
| Doebblers | RPM 5015AM^ | AM,B | MQ,P1V | 110 | | | | | |
| Doebblers | RPM 5115AM^ | AM,B | MQ,P1V | 111 | | | | | |
| Doebblers | RPM 5315AMXT^ | AMXT,B | MQ,P1V | 113 | | | | | |
| Dyna-Gro | D52VC91 | VT2P | AC,P5V | 112 | | | | | |
| Dyna-Gro | D55VP77 | VT3P | AC,P5V | 115 | | | | | |
| FS InVISION | FS 64R46SS | STX,B | AC,P5V | 114 | | | | | |
| Hubner | H5333RC3P | VT3P,B | AC,P5V | 107 | | | | | |
| Hubner | H5368RC3P | VT3P,B | AC,P5V | 105 | | | | | |
| Hubner | H5490RC3P | VT3P,B | AC,P5V | 109 | | | | | |
| Hubner | H6744RCSS | STX,B | AC,P5V | 113 | | | | | |
| Mid-Atlantic | MA5122GT3 | 3000GT | CM,C2 | 112 | | | | | |
| Mid-Atlantic | MA8062VT3P | VT3P | AC,P2 | 106 | | | | | |
| Mid-Atlantic | MA8065STX | STX | AC,P2 | 106 | | | | | |
| Mid-Atlantic | MA8086STX | STX | AC,P2 | 108 | | | | | |
| Mid-Atlantic | MA8099VT3P | VT3P | AC,P2 | 109 | | | | | |
| Mid-Atlantic | MA8121VT3P | VT3P | AC,P2 | 112 | | | | | |
| Mid-Atlantic | MA8127VT3P | VT3P | AC,P2 | 112 | | | | | |
| Mycogen | 2C799 | STX,B | CM,C2 | 114 | | | | | |
| Mycogen | 2V709 | STX,B | CM,C2 | 110 | | | | | |
| Mycogen | 2V717 | STX,B | CM,C2 | 111 | | | | | |
| Mycogen | 2Y767 | STX,B | CM,C2 | 114 | | | | | |
| NK Brand | N63R-GT GC | GT | CM,C2 | 109 | | | | | |
| Pioneer | P0604AM GC | AM,B | MQ,C2 | 106 | | | | | |
| Pioneer | P1105AM GC | AM,B | MQ,C2 | 111 | | | | | |
| Spectrum | 5967 | None | CM,C2,St | 109 | | | | | |
| Spectrum | 6241 | None | CM,C2,St | 112 | | | | | |
| Steyer | 10803GENSS RIB | STX,B | CM,C2 | 108 | | | | | |
| Steyer | 11103GENSS RIB | STX,B | CM,C2 | 111 | | | | | |
| Steyer | 11504VT2PR0 RIB | VT2P,B | CM,C2 | 115 | | | | | |
| TA Seeds | TA566-31 | 3111 | CM,C2 | 106 | | | | | |
| TA Seeds | TA583-22DPRIB | VT2P,B | CM,C2 | 108 | | | | | |
| TA Seeds | TA625-30 | 3110 | CM,C2 | 110 | | | | | |

Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|---|
| ^ | G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaax® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaax® and XL® are registered trademarks of DuPont Pioneer. |
| CK | Identifies a check product included in early- and full-season tests. |
| GC | Grower Comparison product included by FIRST when space permits. |

Corn Technologies*

| | | | |
|----------|---|----------|---|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) | GT/CB/LL | Agrisure® GT/CB/LL |
| 3011A | Agrisure® Artesian® (CB,RW,LL,GT) | HX | Herculex® 1, contains LL |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | HX,RR2 | Herculex® 1, Roundup Ready 2 Corn |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | HXRW | Herculex® rootworm, contains LL |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | HXT | Herculex® Xtra (HX,HXRW,LL) |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | LL | LibertyLink® |
| AM-R | Optimum® AcreMax® (YGCB,HX,RR2) | None | conventional corn |
| AM1 | Optimum® AcreMax®1 (HXT,LL,RR2) | OI | Optimum® Intrasect® (YGCB,HX,LL,RR2) |
| AMRW | Optimum® AcreMax® Rootworm (HXRW,LL,RR2) | OIX | Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2) |
| AMRW-R | Optimum® AcreMax® Rootworm (HXRW,RR2) | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | OT | Optimum® TRIssect® (HX,RW,LL,RR2) |
| AMX-R | Optimum® AcreMax® Xtra (YGCB,HXT,RR2) | RR2 | Roundup Ready® 2 Corn |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | STX | SmartStax® (VT3P,HXX) |
| B | Blended seed (i.e. refuge blend) | VT2P | Genuity® VT Double Pro® |
| CB/LL | Agrisure® CB/LL | VT3 | YieldGard VT Triple® |
| CB/LL/RW | Agrisure® CB/LL/RW | VT3P | Genuity® VT Triple Pro® |
| GT | Agrisure® GT | YGCB | YieldGard® Corn Borer |

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| ? | information not provided | MQ | Maxim Quattro® |
| A | Allegiance® | None | untreated |
| AC | Acceleron® fungicide products | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| AVC | Avicta® Complete Corn | R | Raxil® (tebuconazole) |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | SStd | SureStand™ |
| CE | Cruiser Extreme® | St | Stamina® (pyraclostrobin) |
| CM | CruiserMaxx® Corn | T | Trilex® (trifloxystrobin) |
| D | Dynasty® (azoxystrobin) | V | Votivo® |
| Es | Escalate® | Z | zinc |
| M | Maxim XL® | | |

** Seed treatments may include unspecified plant health promoting components.